THREE DOLLAR TK-MECH MECHANISM

SERVICE MANUAL

JULY 1, 1997

FOR ASSISTANCE AND PARTS CALL OR WRITE:

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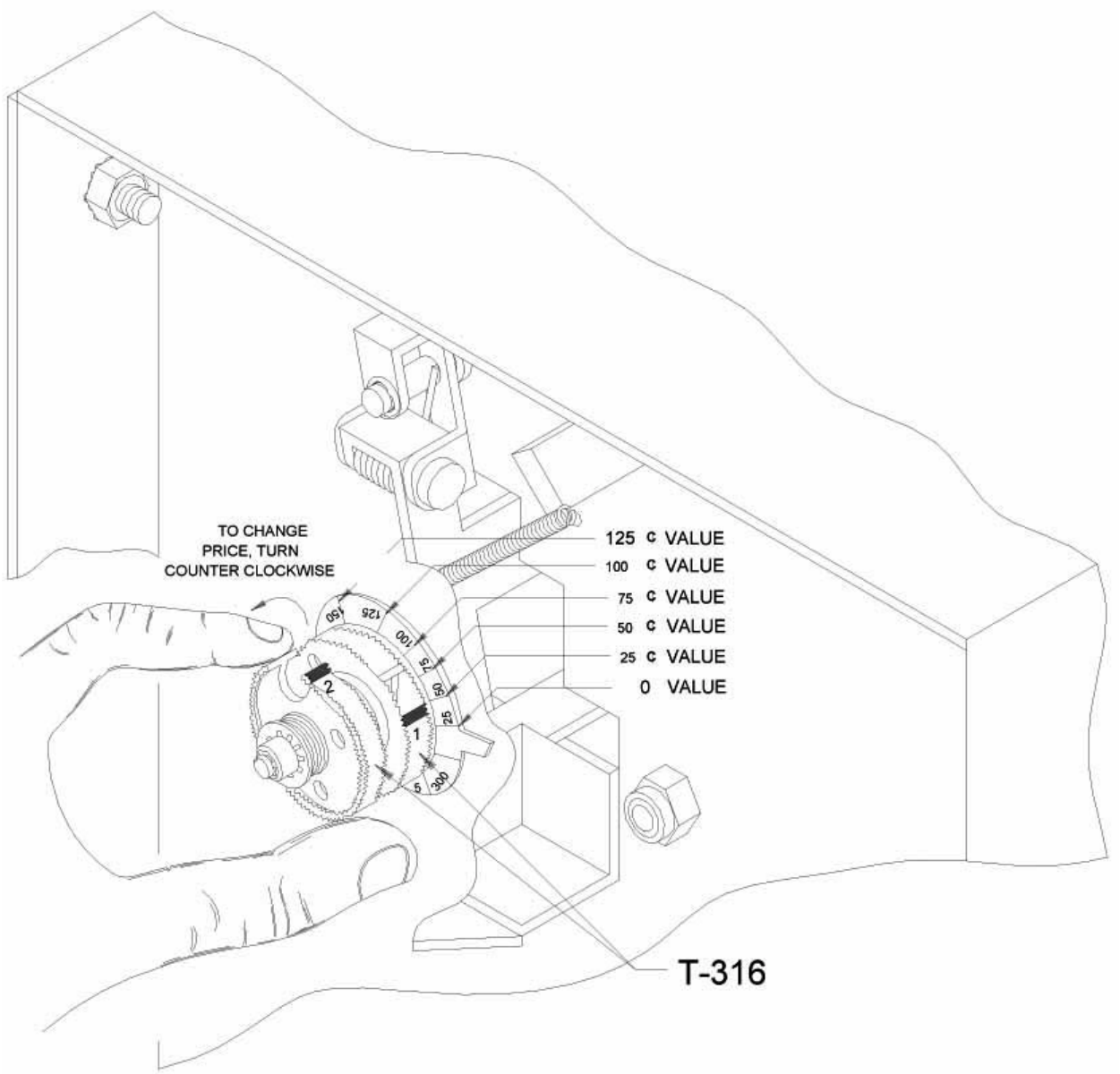
SETTING PRICE SETTER WHEELS

"Door Opens For Less Money, Without Money or Will Not Open"



TO CHANGE your prices on the $3.00 Wheel, turn the Wheels Counter Clockwise as shown above. Price Setter Wheel #1 (T-316) is the Daily Price and should always be set first before setting the Sunday Price Wheel #2 (T-316). The Price Range on the $3.00 Wheel is $.0 to $3.00. The **OUTSIDE EDGE OF RED LINE** on the Wheel represents your price setting. The **First Black Line** is "0" Value and each click is a $.05 Value. **Black Lines** indicate an increase of $.25. Price Setter Wheel #1 (T-316) shows a price of $.25 above. Price Setter Wheel #2 (T-316) is the Sunday Price and should be adjusted in the same way as the Daily Price Setter Wheel. Make sure to pull Wheel #2 out from Wheel #1 and turn Counter Clockwise to your desired Sunday setting as shown above. **NOTE: IF MOVING WHEEL #1 (DAILY PRICE) WHILE ADJUSTING WHEEL #2 (SUNDAY PRICE) YOUR DAILY SETTING WILL BE CHANGED.**

DAILY TO SUNDAY CHANGE OVER

"Mech Will Not Change Over to Sunday, Door Opens Without Money or Will Not Open"

FIG. 1

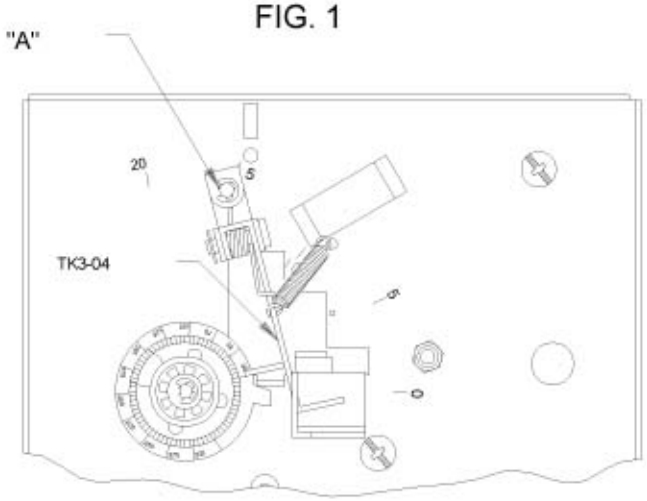


FIG. 2

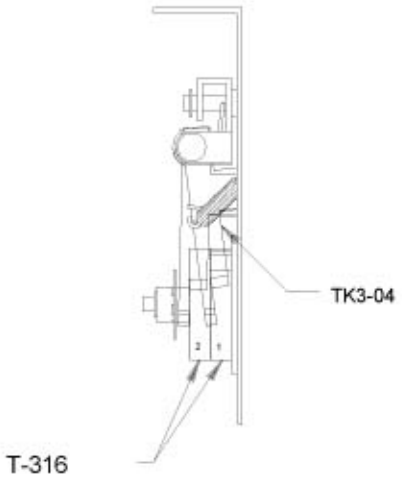


FIG. 3

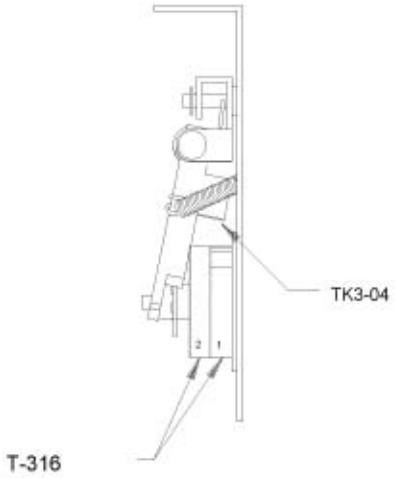
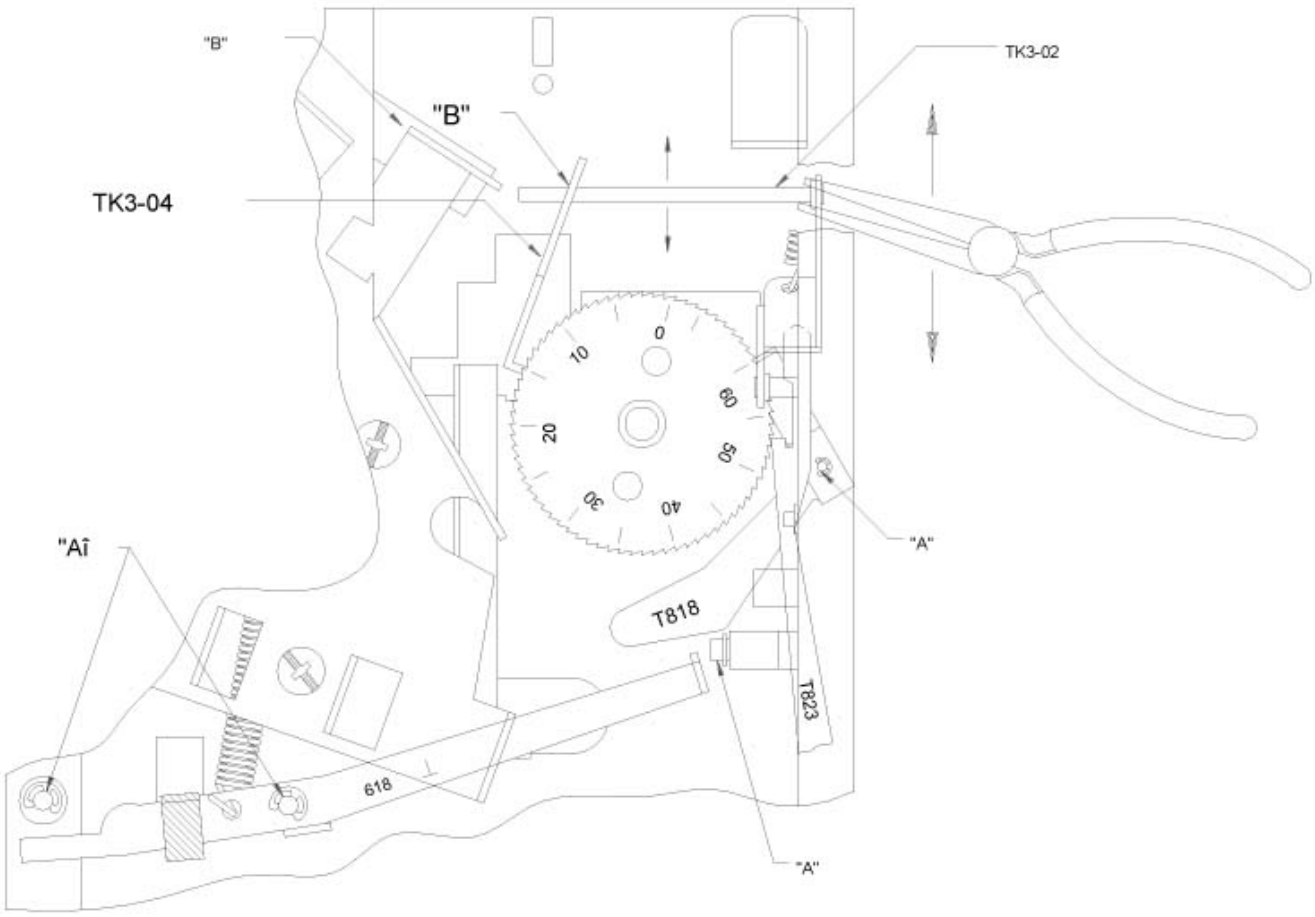


Figure 1 illustrates an overall view of the Price Setter Wheels and the PRICE SETTER INDEX PAWL (TK3-04). Some parts have been removed from the Illustrations for better visibility. The Price Setter Index Pawl (TK3-04) should hit each Price Setter Wheel (T-316) in the center to allow it to go into the Wheel and allow your door to open. The **SOLID LINE** of the Price Setter Index Pawl (TK3-04) above in Figure 2 illustrates the proper position of that part for the Daily Setting on Wheel #1. After turning your Quick Change Lock from Daily to Sunday, the **DOTTED LINE** of the TK3-04 above in Figure 2 shows the correct position, as it will go into the Sunday Price Setter Wheel #2. Figure 3, shows the Price Setter Index Pawl (TK3-04) bypassing the Sunday Wheel #2 this will cause your Rack Door to continuously open.

NOTICE LUBRICATION POINT "A", SEE OILING INSTRUCTION FOR MORE INFO

ADJUSTING PRICE SETTER INDEX PAWL WITH PRICE SETTER WHEELS

"Mech Will Not Change Over to Sunday, Door Opens Without Money or Will Not Open"



To adjust the Price Setter Index Pawl (TK3-04), if it is bypassing the Sunday Price Setter Wheel #2 (T-316) or if it is not hitting I the center of that Wheel, see Figure 2 or 3 on Page 3. The adjustment can be made from the inside of the Mech as illustrated above. Take a plier and grab to the far right on the Quick Set Rocker Arm (TK3-02) and bend **SLIGHTLY, UP OR DOWN** to center the Price Setter Index Pawl (TK3-04) on the Sunday Price3 Setter Wheel #2. Follow the arrows in the Illustration above. Make sure to turn the Quick Change Lock back and forth from Daily to Sunday to make sure the Price Setter Index Pawl (TK3-04) hits center on both Daily (#1) and Sunday (#2) Price Setter Wheels as illustrated in Figure 2 on Page 3.

NOTE: SOME PARTS HAVE BEEN REMOVED FOR BETTER VISIBILITY AND MUST BE INSTALLED FOR THE MECH TO WORK PROPERLY.

NOTICE LUBRICATION POINTS “A” & “B”. SEE LUBRICATION AND OILING INSTRUCTIONS FOR MORE INFO

WHEEL AND TOTALIZER ARM SETTINGS

"Mech May Not Total Properly, Coins May Not Fall Through Properly
or Wheel Will Not Reset"

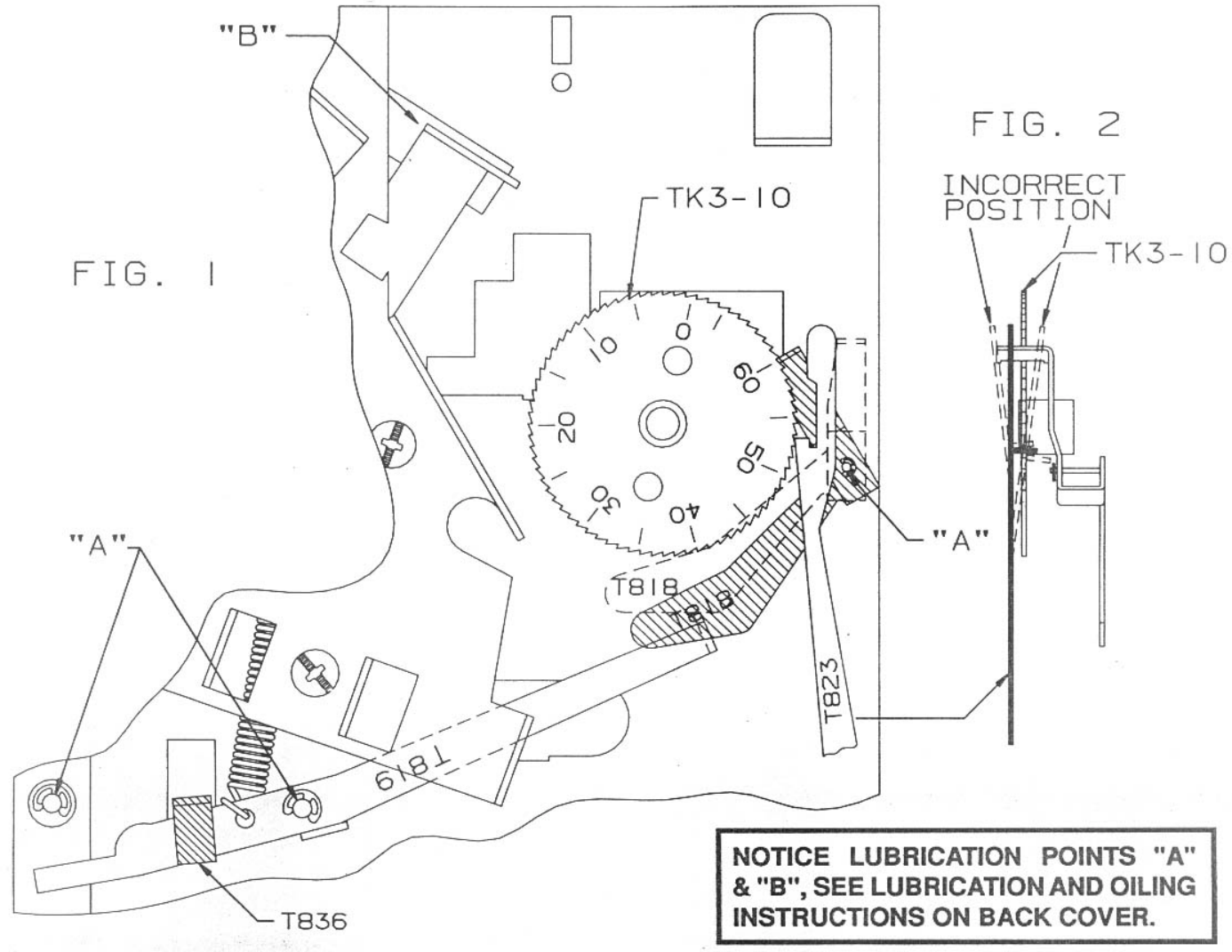


Figure 1 above, shows the Shaded Area of the Ratchet Pawl (T-818) falling **SNUG** in **NOTCH 60** of the Index Wheel Ratchet Assembly (TK3-10). The Index Wheel Ratchet Assembly (TK3-10) and the Price Setter Index Hub (T-317) are aligned at the Factory when your Mech is ordered. The Index Pawl (T-823) should rest **HALF-WAY** between two teeth or 7 ½ notches below the Ratchet Pawl (T-818) as in Figure 1 and should also hit center against the TK3-10 as illustrated above in Figure 2. These adjustments being out of alignment may cause your $3.00 TK-Mech not to total properly or coins may not fall through the Mech properly. Figure 1 shows the position of T-818 and T-823 when the Mech is in a Sho-Rack. Each tooth on the Index Wheel Ratchet Assembly (TK3-10) represents "1" Nickel. As Nickels are inserted, the Index Wheel will move two (2) notches for each Dime inserted. (Example: Price is set on $.25. The T-818 will move from notch "60" to notch "55" in order for the Rack Door to open.) When the Rack Door is open the Ratchet Pawl (T-818) should lift away from the Index Wheel Ratchet Assembly (TK3-10) allowing the Wheel to reset as shown by the Dotted Line in Figure 1 above. The Rocker Arm Reset Link (T-836) controls this.

NOTE: SOME PARTS HAVE BEEN REMOVED FROM THE ILLUSTRATIONS FOR BETTER VISIBILITY AND MUST BE INSTALLED FOR THE MECH TO WORK PROPERLY

PRICE SETTER WHEEL ADJUSTMENTS

"Door May or May Not Open or May Get Paper For Less Money"

FIG. 1

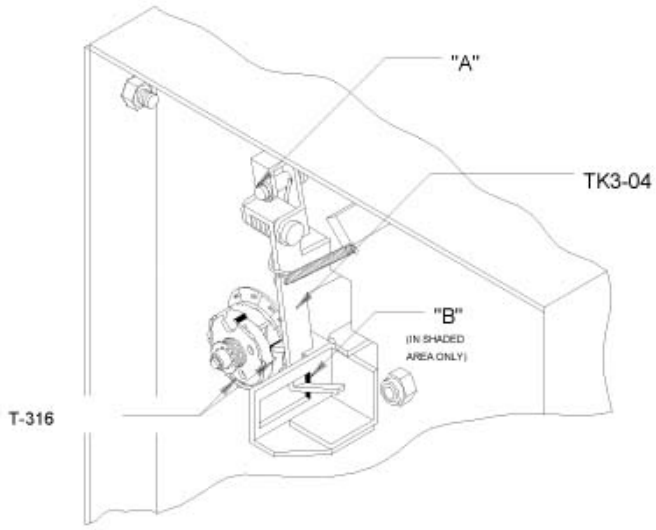
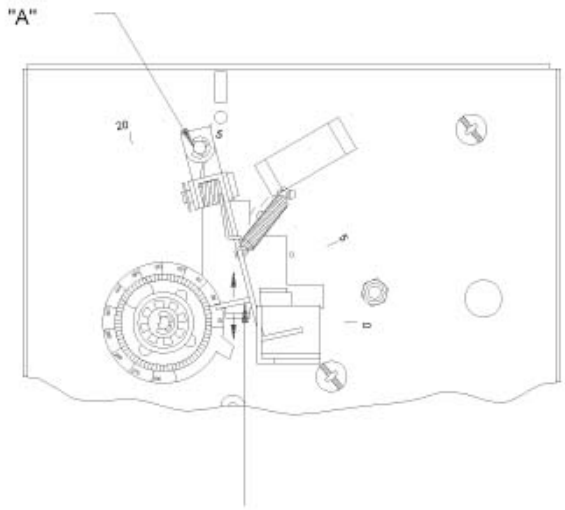


FIG. 2



If the door opens for a Nickel less than your price or does not open and the Price Setter Wheels (T-316) are set on the **CORRECT PRICES,** you may need to adjust the Price Setter Index Pawl (TK3-04). Make sure the Mech is in a Rack (with cutaway housing) or Demonstrator to test money. If the Daily Price Wheel #1 (T-316) is set on $.25, insert .20$ into the Mech. When you pull on the Rack Door theTK3-04 should hit on the red marking at the end of Wheel #1, but it should not go into the Wheel as shown on Figure 1. If it does go into the Wheel, bend the TK3-04 Tab down slightly with a plier. Make sure to bend at the base of the Tab **ONLY**, as illustrated by the Arrow in Figure 2. Test again, after putting in $.20, by pulling on the Rack Door, making sure the TK3-04 does not go into the Wheel. When you have $.25 in the Mech, the TK3-04 should go into the U-shaped opening of the Wheel and clear it. If the TK3-04 does not clear the Wheel, bend the Tab up slightly. (Recheck adjustments as described above.) After checking the Daily Price Setter Wheel #1, turn your Quick Change Lock to the Sunday Price and check the Sunday Price Setter Wheel #2 in the same way. If the Price Setter Index Pawl (TK3-04) does not clear the Sunday Price Setter Wheel #2 (T-316) properly on its setting, adjust the TK3-04 Tab whichever way is needed, as done previously for the Daily Wheel #1. **MAKE SURE** to go back and recheck the Daily Setting again. The Price Setter Index Pawl (TK3-04 must clear both Daily and Sunday Wheels for the Rack Door to open.

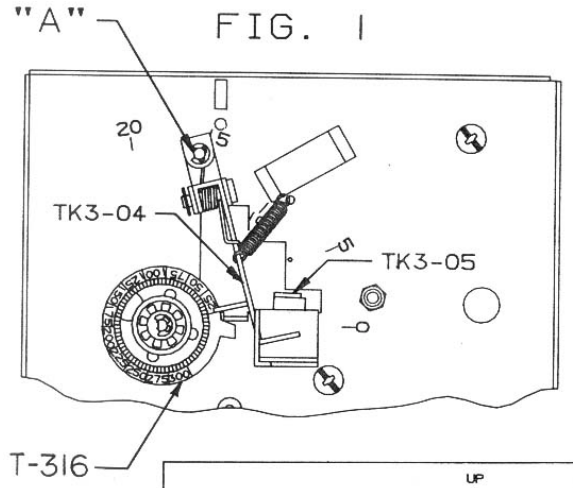
NOTE: BEFORE ADJUSTING PRICE SETTER INDEX PAWL (TK3-04), MAKE SURE BOTH DAILY AND SUNDAY PRICE SETTER WHEELS (T-316) ARE SET ON CORRECT PRICES.

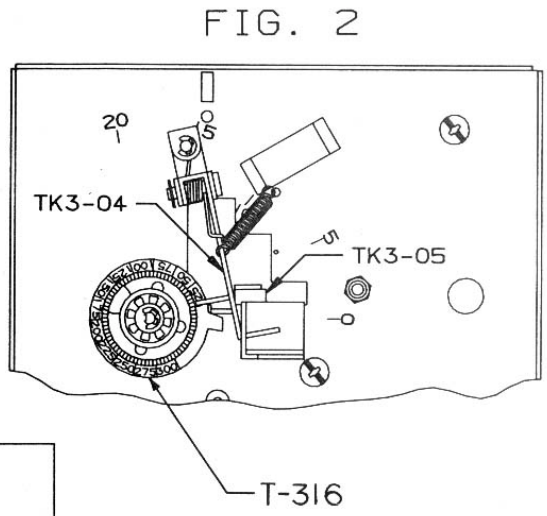
NOTICE LUBRICATION POINTS “A” & “B”, SEE LUBRICATION AND OILING INSTRUCTIONS FOR MORE INFO

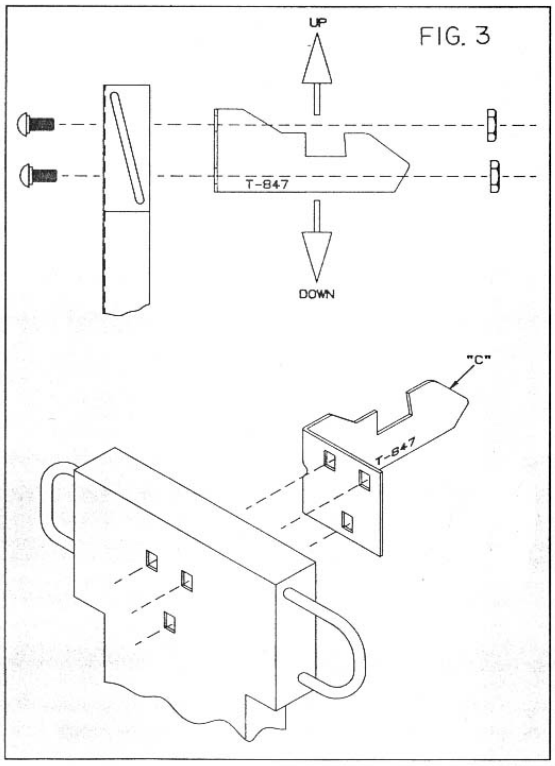
DOOR HOOK ADJUSTMENTS

"Coins May Not Total Properly or May Not Fall Through Mech"

"Door May Not Open or May Open Without Money"







NOTICE LUBRICATION POINTS "A" & "C", SEE LUBRICATION AND OILING INSTRUCTIONS ON BACK COVER.

WHEN THE MECH IS IN A RACK the space between the Price Setter Index Pawl (TK3-04) and the Latch Release (TK3-05) should be about 3/16" to 7/32", as shown in Figure 1. If the Latch Release (TK3-05) causes the Price Setter Index Pawl (TK3-04) to rest against the Price Setter Wheel (T316) as in Figure2, coins may not fall through the Mech or they may not total properly. This may also cause your Rack Door not to open. The Door Hook (T-847) being adjusted TOO HIGH can cause this. Loosen the nuts on the Door Hook and move it down till the TK3-05 moves away from the TK3-04 about3/16" to 7/32" space. If the Door Hook (T-847) is LOWERED too much and the space between the TK3-05 and TK3-04 is wider than 7/32", the Rack Door will open without money. For Door Hook (T-847) Adjustments see Figure 3.

DOOR ADJUSTMENTS

"Coins May Not Fall Through or Total Properly, Door May Not Open or Will Not Close Properly"

FIG. 1

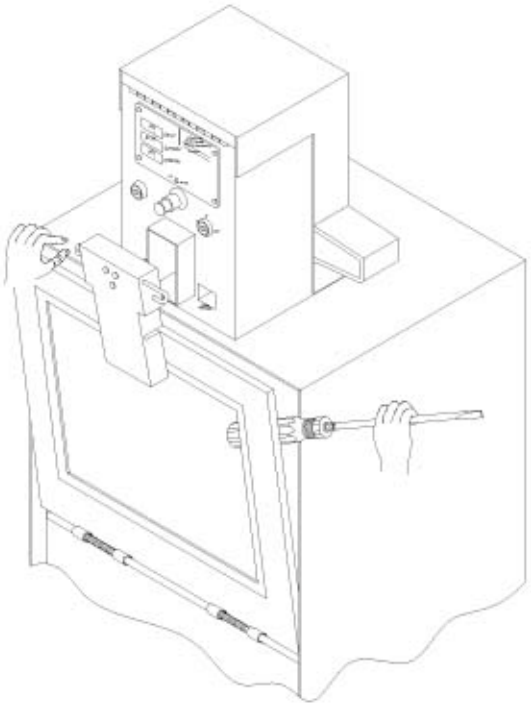
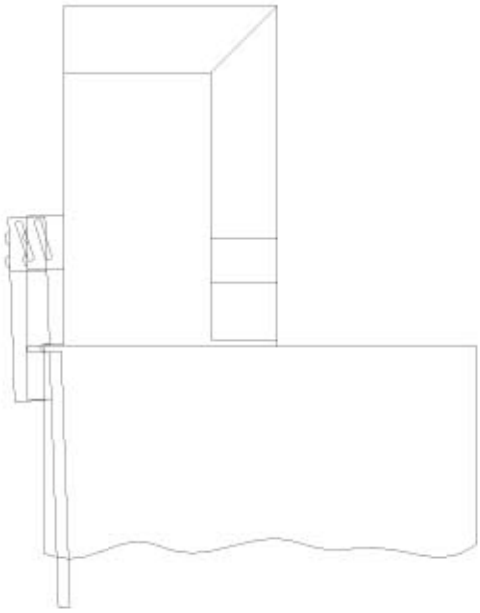


FIG. 2



Check the Rack Door Fitting against the body of the Rack. If it is the left side of the Door not closing properly or evenly against the Rack, place a large screwdriver handle between the right upper side of the Door and Rack, then push on the left upper side of Door with hand. Check to see if the Door is closing all the way against the Rack. Repeat on whichever side is needed. See Figure 1 above.

If the Rack Door does not come into the Rack centered and is binding, the Door can be moved from side to side with a big screwdriver.

Also, check for the Door Latch Bracket fitting properly against the Housing front as shown by the Solid Line in Figure 2. The Dotted Line in Figure 2 shows the Door Latch Bracket fitting too far away from the Rack. Open Rack Door and hit inward with a rubber mallet or bend inward with a big screwdriver to make it fit properly against the Housing front as shown by the Solid Line.

Any of these adjustment being out of alignment can cause the Latch Release (TK3-05) to push the Price Setter Index Pawl (TK3-04) up against the Price Setter Wheels (T-316) as illustrated on Page 7, Figure 2, causing your coins not to fall through the Mech or not to total properly. This may also keep your Rack Door from opening.

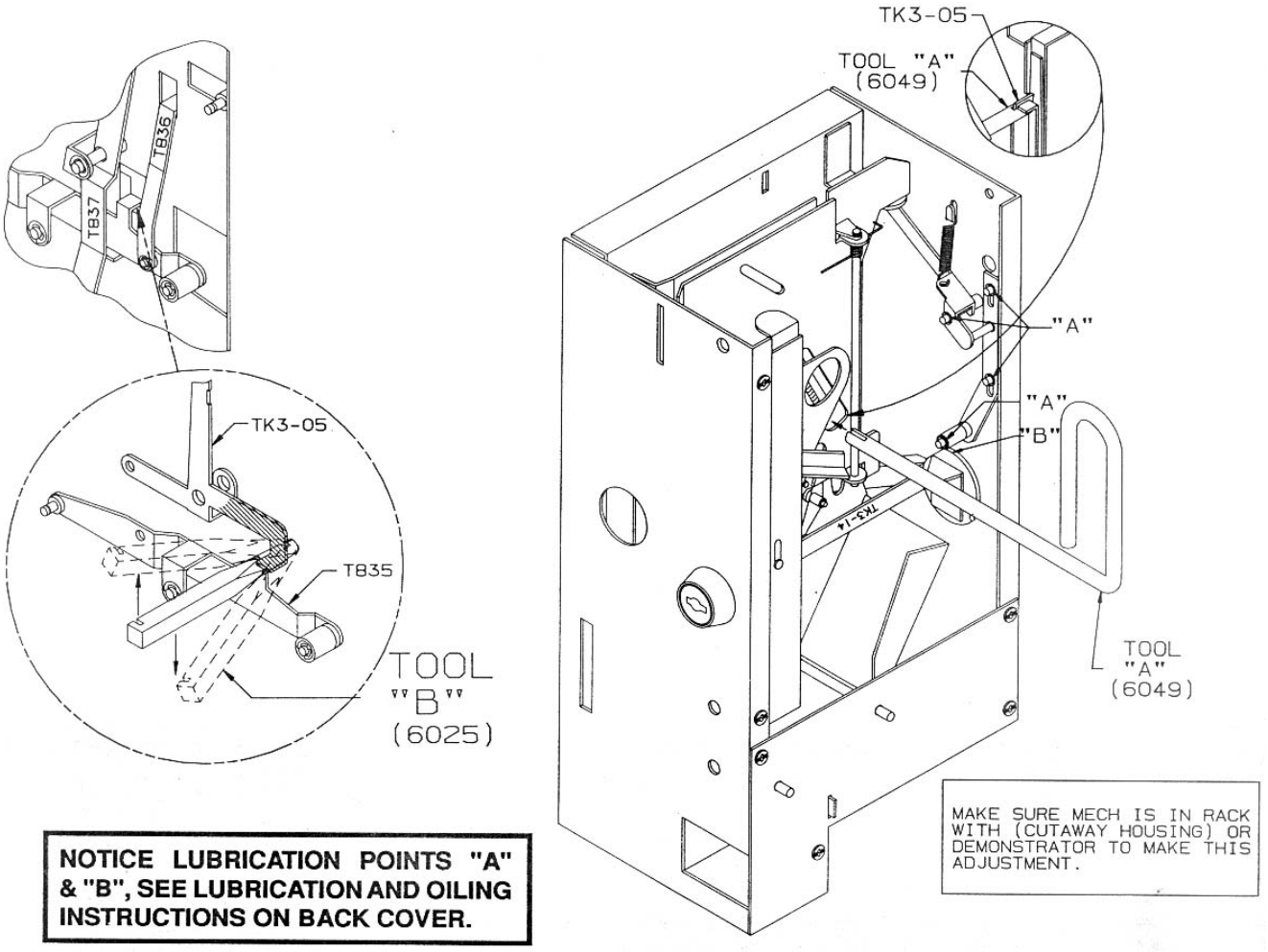
Throwing a stack of papers on the Rack Door as well as Door Jerking and Door Slamming from Vandalism can cause the Door Hook and Door to get out of alignment.

The Door Springs being too weak can also keep the Rack Door from closing all the way. Also, make sure the Door Pull has not pushed in the Housing. If Mech and TK Housing are bent, they will need to be straightened out.

NOTE: MAKE SURE TO ALWAYS ALIGN THE DOOR HOOK AND DOOR FIRST BEFORE MAKING ADJUSTMENTS TO THE MECH. MOST OF THE TIME THIS WILL TAKE CARE OF DOOR OPENING PROBLEMS AS WELL AS COINS NOT TOTALIZING.

ADJUSTING LATCH RELEASE

"Door and Door Hook are Set Correctly, but Door Keeps Opening or Does Not Open"
"Coins Will Not Fall Through or Total Properly or Wheel Will Not Reset"



If your Door Hook (T-847) and Rack Door are in proper alignment and your Rack Door keeps opening or will not open, you will not open, you will need to adjust the 7/32" SPACE between the Latch Release (TK3-05) and Price Setter Index Pawl (TK3-04). For proper setting, see Figure 1, Page 7.

To adjust this, look at the Illustration above on the right using Tool "A" (6049), bend the Latch Release (TK3-05) Tab to the left or right, making sure not to bend the Tab too far in either direction. The space being wider than 7/32" will cause the Rack Door to open without putting in money. Less than 3/16", the Rack Door will not open or the Latch Release (TK3-05) may cause the Price Setter Index Pawl (TK3-04) to touch the Price Setter Wheels (T-316) and this would cause your coins not to fall through the Mech or not to total properly. See Figure 2 on Page 7.

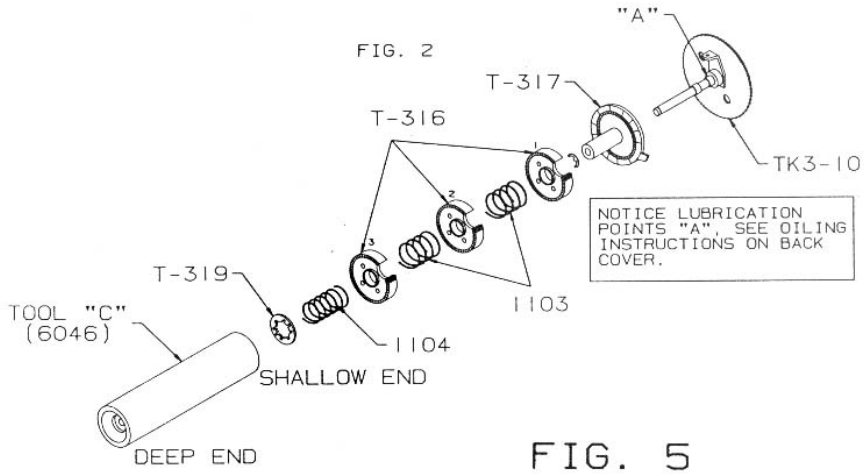
The 7/32" SPACE ADJUSTMENT being out of alignment will cause the same problem as the Door Hook (T-847) not being adjusted properly. **MAKE SURE DOOR HOOK AND DOOR ARE IN PROPER ALIGNMENT BEFORE ADJUSTING THE 7/32" SPACE.**

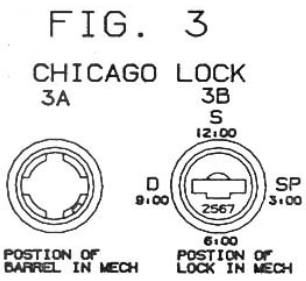
WHEN THE RACK DOOR IS OPEN there should be 1/16" SPACE between the Latch Release (TK3-05) and the Price Setter Index Pawl (TK3-04). Use a Tail Bender, TOOL "B" (6025) on the Latch Release (TK3-05) Tab where the Rocker Arm (T-835) Tab connects onto it. This allows your Wheel to reset. See Illustration above on the left, making sure to hook TOOL "B: on Shaded Area, representing the TK3-05 Tab and bending slightly up or down to achieve the 1/16" Space Adjustment.

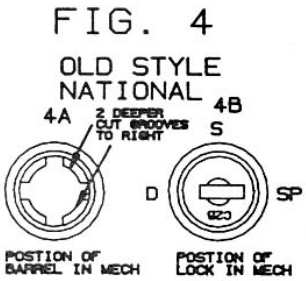
TRIPLE QUICK CHANGE OPTION

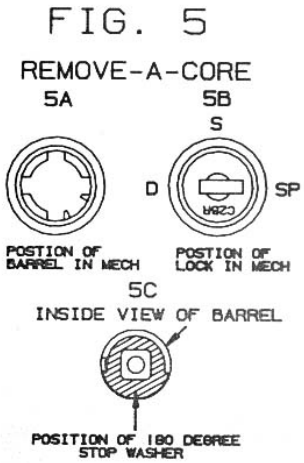
(Three Tier Pricing)

FIG. 1
THREE DOLLAR TK-MECH
TRIPLE QUICK CHANGE
PRICE RANGE $.00 TO $3.00
Price 1=Daily
Price 2=(S)
Price 3=(SP)
Outside edge of RED line on each wheel marks price.
The first black line is "0" value. Each click is 5¢ value. Black lines indicate increase of 25¢.
←50¢ Value
←25¢ Value
←0 Value
KASPAR WIRE WORKS - SHINER, TX 77984









Triple Quick Change offers you a Daily Price (Wheel #1), Sunday Price (Wheel #2) and a Special Price (Wheel #3) as shown in Figure 1. To change your $3.00 TK-Mech to a Triple Quick Change, you will need to cut the Retainer Ring (T-319), which holds your Price Setter Wheels (T-316) and Compression Springs in place, with cutting pliers. Remove the Retainer Ring (T-319) along with the (#1102) Large Compression Spring from the Price Setter Index Hub (T-317). Leave the other two Price Setter Wheels (T-316) on the Hub. Add a (#1103) Small Compression Spring and another Price Setter Wheel (T-316) on top of them. Then place a (#1104) Medium Compression Spring on top (Replacing the #1102 Large Spring). Put a new Retainer Ring (T-319) on top, using the shallow end of a $3.00 Wheel Retainer Ring Applicator (6046), TOOL "C", to push the Retainer Ring on the Price Setter Index Hub (T-317). See Illustration on Figure 2. Parts are shown disassembled for better visibility. If using the Deeper cut end of the Retainer Ring Applicator, the Price Setter Wheels would not be able to be pulled apart to change prices. (The Deep end is used on **two** tier Price Wheels.) After putting Retainer Ring on, make sure the Wheels can be pulled apart to change your prices.

The Price Range Wheel Cover Assembly (TK3-17) needs to be pulled completely away from the Price Setter Wheels (T-316). This can be done by loosening the two nuts and bolts that hold it to the TK BACK (TK3-12) and pulling the TK3-17 all the way up from the Wheels. The TK3-17 binding on the Price Setter Wheels would cause them not to turn and the money would not fall through the Mech. See TK3-17 on Page 13, Illustration 58.

For a Triple Quick Change Mech, the Barrel for the locks will need to be replaced if using a **CHICAGO LOCK** (2567, 2200, etc.) or **OLD STYLE NATIONAL LOCK** (C-2-B, C-4-B, etc.). Figure 3A shows the position of the **CHICAGO LOCK** Barrel in the Mech, while Figure 3B shows the Lock Position. The Lock Number is in to 6:00 Position on Daily (as shown), on Sunday the number is at the 9:00 Position and on the Special Price the number will be at 12:00.

Figure 4A shows the position of the **OLD STYLE NATIONAL LOCK** Barrel in a Mech, while Figure 4B shows the Daily Lock Position. When pulling the key out on the Daily Position, the flat side of the key is at the 9:00 Position, Sunday is at 12:00, the Special Price is at 3:00.

If using the **REMOVE-A-CORE LOCK** (C-2BR, C-4BR, etc.), then you must replace the **90 Degree Stop Washer (for two tier pricing)** on the lock for **(three tier pricing).** The Barrel **DOES NOT** need to be changed. Figure 5A shows the view of the Barrel from the outside of the Mech, while Figure 5C shows an inside view of the Barrel. The **Shaded Area** represents the proper position of the 180 Degree Stop Washer needed for Triple Quick Change. Figure 5B shows the **REMOVE-A-CORE LOCK** in the Barrel on the Daily Position. When pulling the key out on Daily, the flat side of the key faces the 9:00 Position, Sunday is at 12:00, and the Special Price is at 3:00.

Set the Price Setter Wheels (T-316_ and the Price Setter Index Pawl (TK3-04) the same as illustrated before.

The following Pages show the procedures to follow: Pages 2, 3, 4 and 6. Parts needed for Triple Quick Change Conversion are shown on the Parts List.

THREE DOLLAR TK-MECH®
MECHANISM

PART NO.	ILLUS. NO.	DESCRIPTION	PRICE CODE NO.
TK3-02	(21)	QUICK SET ROCKER ARM	4950
TK3-03	(22)	CARRIAGE FOR PRICE SETTER INDEX PAWL	4951
TK3-04	(23)	PRICE SETTER INDEX PAWL	4952
TK3-10	(24)	INDEX WHEEL RACHET ASSEMBLY	4953
T-839	(25)	RELEASE ARM ACTUATOR	5005
T-82	(26)	ROLLER	5006
T-838	(27)	ROCKER ARM CONNECTOR LINK	5007
T-836	(28)	ROCKER ARM RESET LINK	5008
T-82	(29)	ROLLER	5006
T-835	(30)	ROCKER ARM	5009
T-837	(31)	ACTUATOR	5010
T-800 - T-835	(32)	EXTENSION SPRING	5011
T-835 - T-840	(33)	EXTENSION SPRING	5012
T-841	(34)	ROCKER ARM LINK	5013
T-840	(35)	RECEPTACLE ARM (2 - #9 E-RINGS)	5014
T-80	(36)	ROLLER	5015
T-800 - T-842	(37)	EXTENSION SPRING	5016
T-842	(38)	COIN RETURN DOOR ARM	5017
T-853	(39)	CYLINDER LOCK (SPECIFY NATIONAL OR CHICAGO, NUT, BOLT, WASHER, CLIP & TWO KEYS, SPECIFY NO.)	5018
T-808	(40)	COIN RETURN DOOR	5019
T-809	(41)	COIN RECEIVER DOOR	5020
T-81	(42)	RECEIVER DOOR LINK	5021
T-824	(43)	COIN RETURN BAR	5022
T-82	(44)	ROLLER	5006
T-827	(45)	REJECT CAM	5023
T-43	(46)	GUIDE PLATE SPACER	5024
T-313	(47)	QUICK CHANGE PIVOT CAM PIN	4954
T-818	(48)	RACHET PAWL	5026
T-316	(49)	PRICE SETTER WHEEL (MINLON 22C4) (2 PER MECH)	4955
T-317	(50)	PRICE SETTER INDEX HUB (MINLON 22C4)	4956
T-318	(51)	INDEX WHEEL SPRING 1A BETWEEN TK3-10 TO TK3-11 CHASSIS	4957
T-319	(52)	#5115-31 WALDES TRUARC RETAINER RING	4958
T-811	(89)	TOP COVER PLATE	5065
T-810	(90)	TK-TOP	5066
TK3-11	(91)	TK-CHASSIS	4965
T-310	(53)	TORSION SPRING (BETWEEN PART TK3-03 - TK3-04)	4959
T-308	(54)	EXTENSION SPRING BETWEEN (TK3-04) PRICE SETTER INDEX PAWL AND (TK3-11) CHASSIS	4960
TK3-12 - TK3-02	(55)	EXTENSION SPRING	4961
TK3-13	(56)	QUICK SET ARM CAM LINKAGE	4972
T-80	(57)	ROLLER	5015
TK3-17	(58)	PRICE RANGE WHEEL COVER ASSEMBLY	4973
T-819 - T-824	(59)	EXTENSION SPRING	5037
TK3-05	(60)	LATCH RELEASE	4962
T-821	(61)	CUSHION ARM	5039
T-819	(62)	RESET ARM	5040
T-845	(63)	QUARTER CRADLE	5041
T-800 - TK3-05	(64)	TK3-11 TO TK3-05 EXTENSION SPRING "STYLE B"	4963
T-820 - T-821	(65)	TORSION SPRING	5043
T-846	(66)	NICKEL CRADLE	5044
T-826	(67)	ANTI-CHEAT STOP	5045
T-830	(68)	CUSHION ARM LINK	5046
T-825	(69)	LATCH	5047
T-82	(70)	ROLLER	5006
T-854	(71)	CYLINDER LOCK RETAINER CLIP	5048
TK3-14	(72)	LOCK EXTENSION (NATIONAL)	4964
T-822	(73)	TOTALIZER ARM	5050
T-803	(74)	COIN GUIDE PLATE	5051
T-52	(75)	INDEX PAWL STUD	5052
T-51	(76)	COUNTER WEIGHT	5053
T-823	(77)	INDEX PAWL	5054
T-800 - T-801	(78)	EXTENSION SPRING	5055
T-801	(79)	BASE SWING PLATE	5056
T-829	(80)	NICKEL STOP PAWL	5057
T-777	(81)	DIME STOP PAWL (STYLE #2)	5058
T-813	(82)	COIN SLIDE	5059
T-802	(83)	SWING PLATE	5060
T-82	(84)	ROLLER	5006
T-79	(85)	HINGE PIN	5061
T-801 - T-802	(86)	TORSION SPRING	5062
T-812	(87)	SIDE COVER PLATE	5063
T-807	(88)	SIDE MOUNTING PLATE	5064
TK3-12	(92)	TK-BACK	4966
T-77A	(93)	INDEX PAWL GUIDE STUD	5069
T-806	(94)	HOLD DOWN ASSEMBLY	5070

THREE DOLLAR TK-MECH® MECHANISM

PART NO.	ILLUS. NO.	DESCRIPTION	PRICE CODE NO.
T-847	(95)	DOOR HOOK (12 GA. MATL)	5071
T-852	(96)	COIN RETURN ACTUATOR (INCLUDES "E" RING)	5072
SR-200-20	(97)	COIN RETURN ACTUATOR BUSHING	5073
T-779	(98)	THEFT PROOF BAFFLE	5064
TK3-16	(99)	QUICK CHANGE LOCK EXTENSION (CHICAGO)	4967
1102	(112)	LARGE COMPRESSION SPRING FOR PRICE RANGE WHEEL	4968
1103	(113)	SMALL COMPRESSION SPRING FOR PRICE RANGE WHEEL	4969
5133-9ZF		"E" RING (FOR 3/32" DIA. SHAFT)	5074
5133-12ZF		*"E" RING (FOR 1/8" DIA. SHAFT)	5075
5133-15ZF		*"E" RING (FOR 5/32" DIA. SHAFT)	5076
5133-18ZF		*"E" RING (FOR 3/16" DIA. SHAFT)	5077
T-855		*M4 X 8MM PAN HEAD MACHINE SCREW	5081
T-856		*M4 X 8MM FLAT HEAD MACHINE SCREW	5082
T-857		*M4 X .7 HEXNUT WITH EXTERNALTOOTH LOCKWASHER ATTACHED	5083
T-857-1		*M4 X .7 NYLON STOPNUT	5099
T-858		*M4 X 10MM PAN HEAD MACHINESCREW	5084
T-775		SHOULDER BUSHING FOR T-827 (CM-100-3-3)	4275
T-859		*10-32 X 1/2 CARRIAGE BOLT & KEP NUT FOR T-847 (3 PER UNIT)	5085

THREE DOLLAR TK-MECH® PARTS FOR QUARTERS ONLY

T-822-1	(98-Q)	TOTALIZER ARM	5086
T-801-1	(99-Q)	BASE SWING PLATE	5087
T-802-1	(100-Q)	SWING PLATE	5088
T-860-1	(101-Q)	TOTALIZER ARM STOP	5089

*THE ABOVE PARTS ARE NEEDED FOR SPECIAL (QUARTERS ONLY)

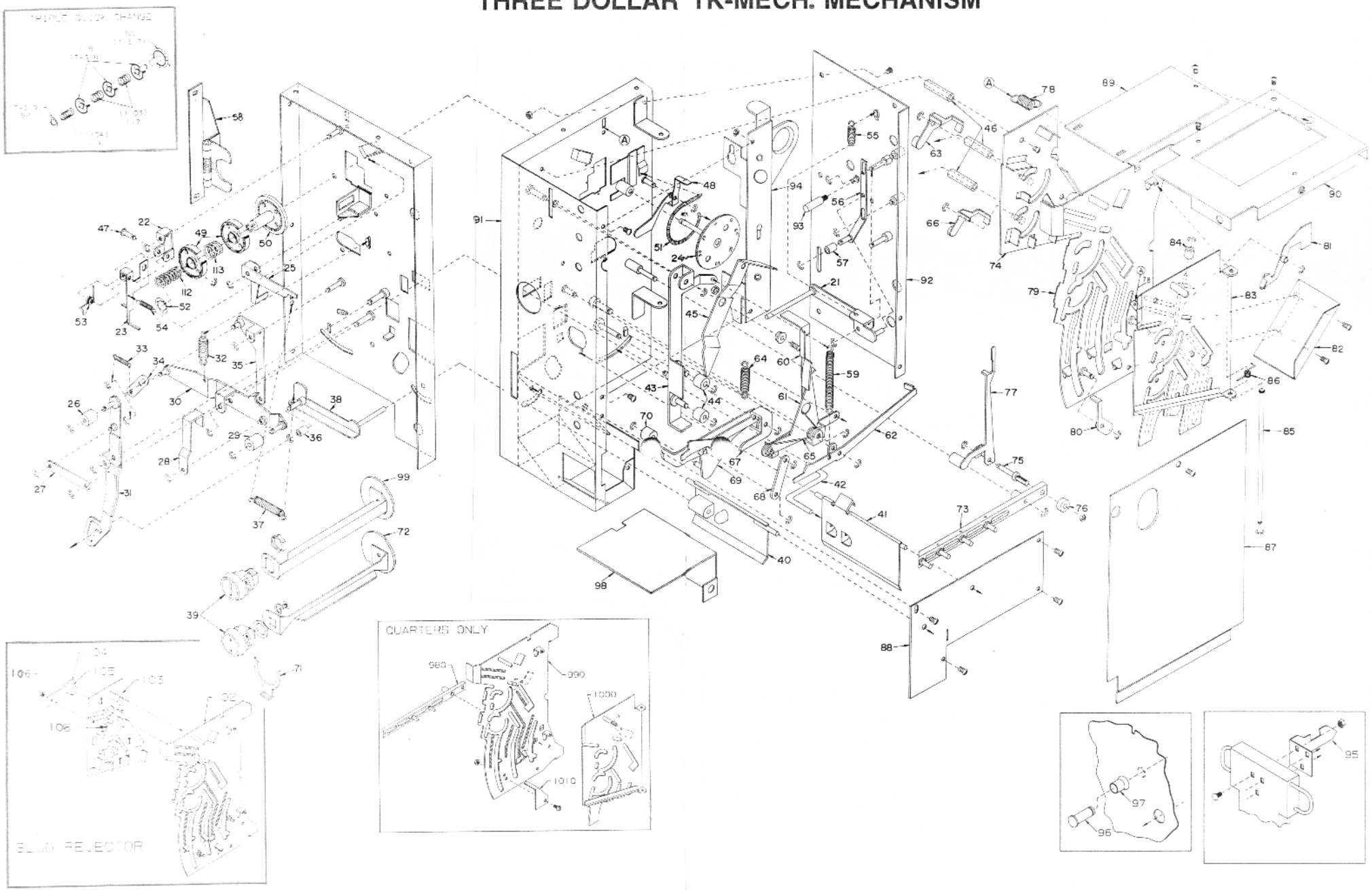
TK-MECHS NOTE: PRICE RANGE .25 - $7.50

THREE DOLLAR TK-MECH® TRIPLE QUICK CHANGE PARTS

PART NO.	ILLUS. NO.	DESCRIPTION	PRICE CODE NO.
1104	(114)	MEDIUM COMPRESSION SPRING (FOR TRIPLE QUICK CHANGE ONLY	4970
T-703		*TRIPLE QUICK CHANGE BARREL WITH 12 0'CLOCK STOP REMOVED (SPECIFY NATIONAL OR CHICAGO)	5093
T-316	(116)	EXTRA PRICE SETTER WHEEL FOR WHEEL WEEKDAY OR SPECIAL PRICING	4971

* NOT SHOWN OR ILLUSTRATED

THREE DOLLAR TK-MECH. MECHANISM



CLEANING AND GENERAL CARE

METHODS OF WASHING

It is essential to have a routine cleaning program to keep your Mechs in top working condition. Dirt, over oiling and soda pop can cause many of the problems with the Mechs not totalizing properly. Listed below are some different methods for cleaning your Mechs, use the method that you prefer.

Your best cleaning can be done inexpensively by soaking your Mechs in hot sudsy water up to 30 minutes with occasional movement of the Mech through the solution. Dawn Dishwashing Liquid is good to use since it cuts through grease and grime. Soaking time will vary depending on the amount of dirt and grime built up. After washing, rinse your Mechs thoroughly with clean water and them it is best to blow-dry them.

If putting Mechs in a dishwasher, remove the Side Cover Plate (T812) and the Top Cover Plate (T811) and run through a full cycle.

If using an all purpose degreaser spray, wash your Mechs in hot water, rinse in hot water and blow dry.

If using Century SS Safety Solvent – Spray on the Mechs, blow off or wipe of excess dirt. Whichever method is used for cleaning the Mechs, make sure after the Mechs are dry, to reoil all the studs that have working parts on them (including studs that have rollers attached). The Totalizer Arm (T822) and the Wheel (TK3-10) studs are very important parts to be oiled after cleaning.

NOTICE: LUBRICATION AND OILING INSTRUCTIONS BELOW

After cleaning and oiling, if the Totalizer Arm (T822) is still sluggish, you may have to use a .125 Drill Bit and ream the bushing out.

Any defective parts should be replaced at this time and all minor adjustments made. Usually a clean $3.00 TK-Mech will solve most of the problems when it is not totaling properly.

LUBRICATION AND OILING INSTRUCTIONS

"DO NOT OIL MECH"

The notation above applies to $3.00 TK-Mechs. Most of the problems of a Mech not totaling properly are due to too much oil which attracts dirt and causes money not to fall through or Mech will Mistotal. Amsoil 100% Synthetic 5W-30 Motor Oil (Winterlube Oil) should be used.**APPLY OIL TO MECH BY PUTTING OIL ON ARTIST BRUSH AND APPLY BRUSH TO AREA DESIGNATED TO RECEIVE OIL ONLY – DO NOT SPRAY MECH WITH AEROSOL LUBRICANT (DO NOT USE WD-40).** Some areas of the $3.00 TK-Mech should receive Light Applications of Lubriplate 105 and Door Ease or equivalent. The following legend denotes areas where each of the above are to be applied. Look for these letter symbols on $3.00 TK-Mech Illustrations.

LUBRICATION POINTS

AMSOIL 100% SYNTHETIC 5W-30
MOTOR OIL (WINTERLUBE OIL): SHOWN BY "A"
LUBRIPLATE 105 (WHITE GREASE): SHOWN BY "B"
DOOR EASE (STAINLESS STICK LUBRICANT): SHOWN BY "C"